

JUN 07 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

App. No.: 10/718,855 Att'y Docket: EH-10957 (03-427)  
Filing Date: November 20, 2003 Conf No.: 1915  
Inventor(s): THOMAS R.A. BUSSING Group Art Unit: 3641  
Assignee: United Technologies Corporation Examiner: Troy Chambers  
Title: DETONATIVE CLEANING APPARATUS

Correspondence Address:  
Customer Number 34704

RESPONSE TO WRITTEN ELECTION REQUIREMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In the Office Action mailed February 8, 2005, election was required as follows:

- a. Species A directed to a method for cleaning a surface within a vessel wherein a major portion of said first fuel/oxidizer mixture is provided before a major portion of said second fuel/oxidizer mixture is provided; Species B directed to a method for cleaning a surface within a vessel wherein a major portion of said first fuel/oxidizer mixture is provided after a major portion of said second fuel/oxidizer mixture is provided
- b. Species C directed to a method of cleaning a coal-fired furnace; Species D directed to a method of cleaning an oil-fired furnace.

Applicant affirms the February 11, 2005 telephonic election of Species B/C made in a telephone conference between the undersigned and Examiner Chambers.

Within the previously-elected claims 5-19, claims 5-12 and 14-19 are believed readable upon the elected species subject to the Markush groups of claims 15 and 17.

Ser. No. 10/718,855

The election is with traverse on the grounds that examination of all the claims would not present an undue burden. Accordingly, if the restriction requirement is withdrawn, claims 5-19 will be examined. If not withdrawn, claims 5-12 and 14-19 will be examined.

Accordingly, Applicant submits that claims 1-19 are in condition for allowance. Please charge any fees or deficiency or credit any overpayment to our Deposit Account of record.

Respectfully submitted,

By 

William B. Slate  
Attorney for Applicant  
Reg. No.: 37,238

Telephone: 203-777-6628  
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Date: June 7, 2005

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 810.00)

## Complete if Known

Application Number  
Filing Date  
First Named Inventor Thomas R.A. Bussing  
Examiner Name  
Art Unit  
Attorney Docket No. EH-10957 (03-427)

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 21-0279

Deposit Account Name

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (1)	Small Entity Fee Code (2)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	770
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$ 770)

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from	Fee Paid
14	30	3	
Independent Claims	2	3	
Multiple Dependent			

Large Entity Fee Code (3)	Small Entity Fee Code (4)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ -)

\*or number previously paid, if greater. For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (5)	Small Entity Fee Code (6)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 65	Non-English specification	
1812 2,520	2812 1,260	For filing a request for ex parte reexamination	
1804 920	2804 460	Requesting publication of SR prior to Examiner action	
1805 1,840	2805 920	Requesting publication of SR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 960	2253 480	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	2451 755	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 840	2503 420	Plant issue fee	
1450 130	2450 65	Petitions to the Commissioner	
1807 50	2807 25	Processing fee under 37 CFR 1.17(e)	
1808 180	2808 90	Submission of Information Disclosure Sheet	
8021 40	28021 20	Recording each patent assignment per property (times number of properties)	40
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	2802 450	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40)

## SUBMITTED BY

Name (Print/Type) William B. Slate

Registration No. 37,238

Telephone 203-777-6629

Signature

*W.B. Slate*

Date

November 20, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by this patent which is to be (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-0199 and select option 2.

I hereby certify that the correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 20, 2003

Antoinette Sullo

*Antoinette Sullo*

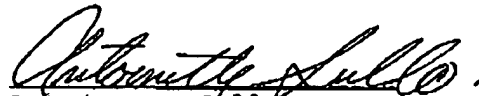
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JUN 07 2005

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(203) 789-0582TELECOPIER COVER LETTERTo: Examiner Troy ChambersFrom: William B. SlateFAX #: 703-872-9306Date: June 7, 2005Your Ref.: SN 10/718,855Our Ref.: EH-10957 (03-427)Number of Pages including this sheet: 3Confirmation Copy to Follow: Yes XX No

\* Comments:

I hereby certify that this correspondence is being faxed this 7<sup>th</sup> day of June, 2005 to the USPTO, at Fax No. 1-703-872-9306.

  
Antoinette Sullio

Please acknowledge receipt of this letter by email, telephone, telefax or telex and advise us if any pages are not readily legible or have not been received.

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